

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: METALUX

Report Number: P567915

Luminaire Tested: **8SNX-62SL-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567915
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-62SL-UNV-L835-CD
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

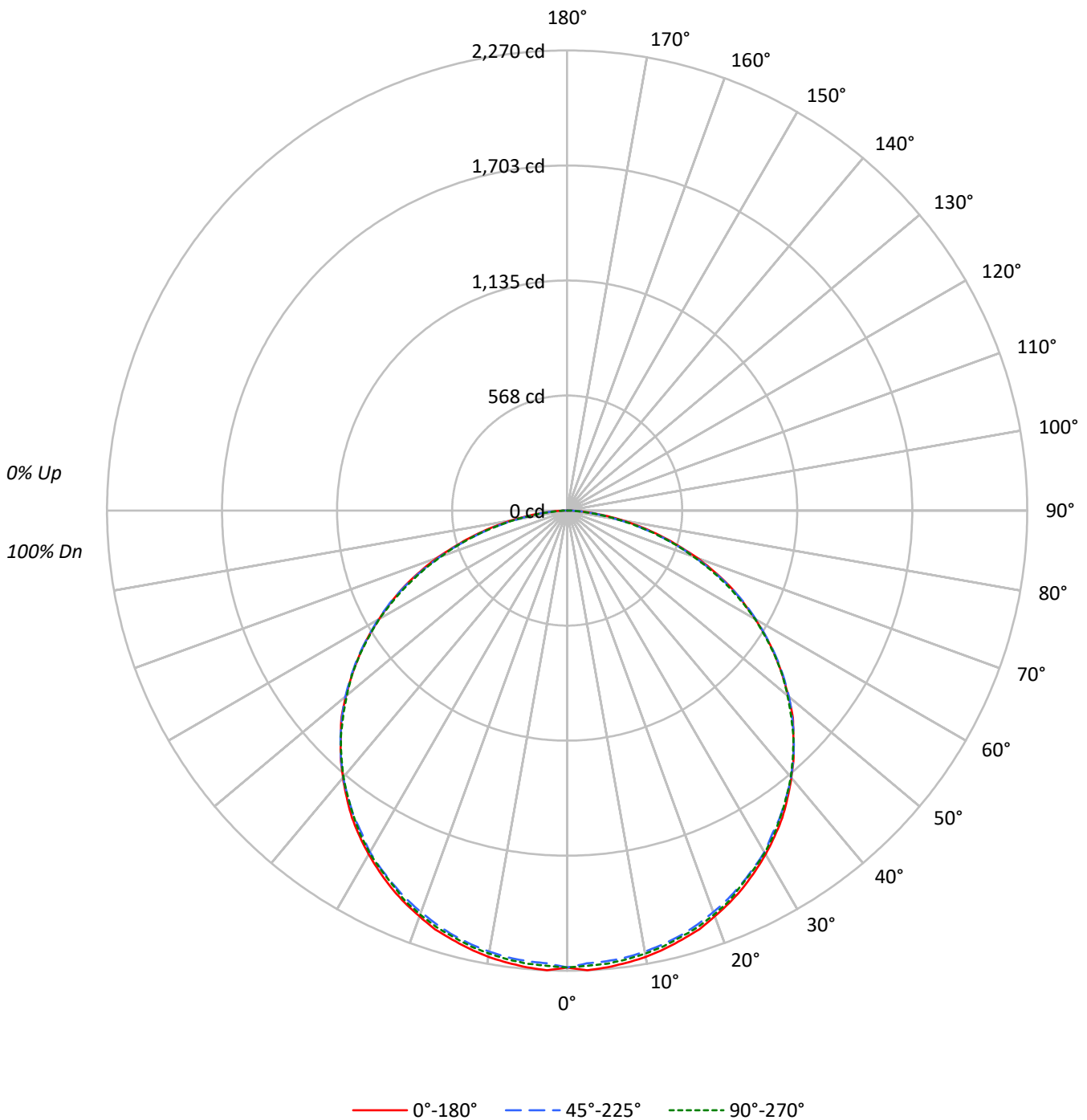
Lumens per Lamp: N/A
Luminaire Lumens: 6739.0 lumens
Efficiency: N/A
Efficacy: 172.8 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

Input Watts (W): 39
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10	0		
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91		93	91	88		90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75		81	77	73		78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62		72	66	61		69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53		64	57	52		61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46		57	50	45		55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40		51	45	39		50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35		47	40	35		45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31		43	36	31		42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28		39	33	28		38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25		36	30	25		36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	12130	12130	12130
5°	12220	12056	12122
10°	12218	12074	12129
15°	12208	12084	12129
20°	12200	12073	12143
25°	12193	12072	12096
30°	12167	12092	12117
35°	12158	12065	12078
40°	12090	12076	12061
45°	12017	12033	12017
50°	11930	11964	11879
55°	11772	11811	11753
60°	11541	11585	11520
65°	11306	11228	11073
70°	10748	10526	10398
75°	9821	9482	9526
80°	8480	7854	8040
85°	6385	6132	5508



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.8	3.2
10°-20°	616.1	9.1
20°-30°	942.7	14.0
30°-40°	1152.6	17.1
40°-50°	1219.2	18.1
50°-60°	1123.4	16.7
60°-70°	865.7	12.8
70°-80°	485.0	7.2
80°-90°	120.6	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1772.6	26.3
0°-40°	2925.2	43.4
0°-60°	5267.8	78.2
0°-90°	6739.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6739.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2254	2254	2254	2254	2254	
5°	2262	2254	2232	2254	2244	215
15°	2191	2187	2169	2187	2177	619
25°	2053	2049	2033	2049	2037	946
35°	1850	1846	1836	1842	1838	1156
45°	1579	1585	1581	1579	1579	1220
55°	1255	1265	1259	1259	1253	1120
65°	888	888	882	859	870	873
75°	472	466	456	440	458	501
85°	103	97	99	99	89	128
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2253.9	2253.9	2253.9	2253.9	2253.9
2.5°	2270.1	2259.9	2235.6	2257.9	2247.8
5°	2262.0	2253.9	2231.6	2253.9	2243.7
7.5°	2249.8	2243.7	2223.5	2243.7	2233.6
10°	2235.6	2229.5	2209.3	2229.5	2219.4
12.5°	2215.3	2211.3	2191.0	2211.3	2201.2
15°	2191.0	2187.0	2168.7	2187.0	2176.8
17.5°	2166.7	2158.6	2140.4	2160.6	2152.5
20°	2130.2	2126.2	2107.9	2126.2	2120.1
22.5°	2093.7	2089.7	2073.5	2089.7	2085.6
25°	2053.2	2049.1	2032.9	2049.1	2037.0
27.5°	2006.6	2008.6	1990.4	2000.5	1994.4
30°	1957.9	1957.9	1945.8	1949.8	1949.8
32.5°	1905.2	1905.2	1887.0	1899.2	1897.1
35°	1850.5	1846.5	1836.3	1842.4	1838.3
37.5°	1785.7	1783.6	1777.5	1781.6	1777.5
40°	1720.8	1722.8	1718.8	1716.7	1716.7
42.5°	1653.9	1658.0	1651.9	1649.9	1647.8
45°	1578.9	1585.0	1580.9	1578.9	1578.9
47.5°	1510.0	1512.0	1505.9	1503.9	1497.8
50°	1424.9	1433.0	1428.9	1424.9	1418.8
52.5°	1339.7	1351.9	1343.8	1339.7	1339.7
55°	1254.6	1264.8	1258.7	1258.7	1252.6
57.5°	1165.4	1175.6	1167.5	1167.5	1159.4
60°	1072.2	1082.3	1076.3	1070.2	1070.2
62.5°	979.0	987.1	985.0	974.9	968.8
65°	887.8	887.8	881.7	859.4	869.5
67.5°	784.4	782.4	774.3	752.0	766.1
70°	683.0	683.0	668.9	642.5	660.8
72.5°	573.6	579.7	561.4	543.2	561.4
75°	472.3	466.2	456.0	439.8	458.1
77.5°	375.0	364.8	352.7	344.6	354.7
80°	273.6	267.5	253.4	253.4	259.4
82.5°	186.5	180.4	170.3	172.3	164.2
85°	103.4	97.3	99.3	99.3	89.2
87.5°	42.6	42.6	42.6	38.5	34.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)